Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\

Quantitation Report (Not Reviewed)

Data File : VW017445.D
Acq On : 21 Nov 2020 02:57
Operator : SY/VA
Sample : L4860-12
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0BC9

Quant Time: Nov 21 04:55:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 02:27:17 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 464875 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 441278 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 250283 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 137144 | 19.93 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 79.72% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 146756 | 26.84 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 107.36% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 193069 | 16.04 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 64.16% | | | |
| 20) 2-Butanone-d5 | 7.08 | 46 | 59517 | 52.66 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 105.32% | | | |
| 24) Chloroform-d | 7.65 | 84 | 284894 | 23.33 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 93.32% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.30 | 65 | 148384 | 25.15 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 100.60% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 562728 | 22.62 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 90.48% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 157791 | 23.81 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 95.24% | | | |
| 37) Toluene-d8 | 10.32 | 98 | 564616 | 24.11 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 96.44% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 68735 | 23.82 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 95.28% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 47683 | 53.66 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 107.32% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 135608 | 27.00 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 108.00% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 198731 | 21.51 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 86.04% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 4.03 | 96 | 1631 | 0.267 | ug/L # | 1 |
| 13) Acetone | 4.12 | 43 | 1444 | 1.751 | ug/L | 78 |
| 16) Methylene chloride | 4.92 | 84 | 14404 | 1.811 | ug/L | 96 |
| 35) Trichloroethene | 8.84 | 95 | 13758 | 1.951 | ug/L # | 2 |
| 36) Methylcyclohexane | 9.28 | 83 | 41728 | 3.704 | ug/L # | 22 |
| 40) 1,2-Dichloropropane | 9.27 | 63 | 19402 | 3.441 | ug/L # | 85 |
| 45) trans-1,3-Dichloropropene | 10.58 | 75 | 3617 | 0.488 | ug/L | 89 |
| 49) 2-Hexanone | 10.93 | 43 | 5851 | 3.473 | ug/L # | 62 |
| 59) 1,2,3-Trichloropropane | 13.55 | 75 | 26246 | 7.553 | ug/L | 100 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

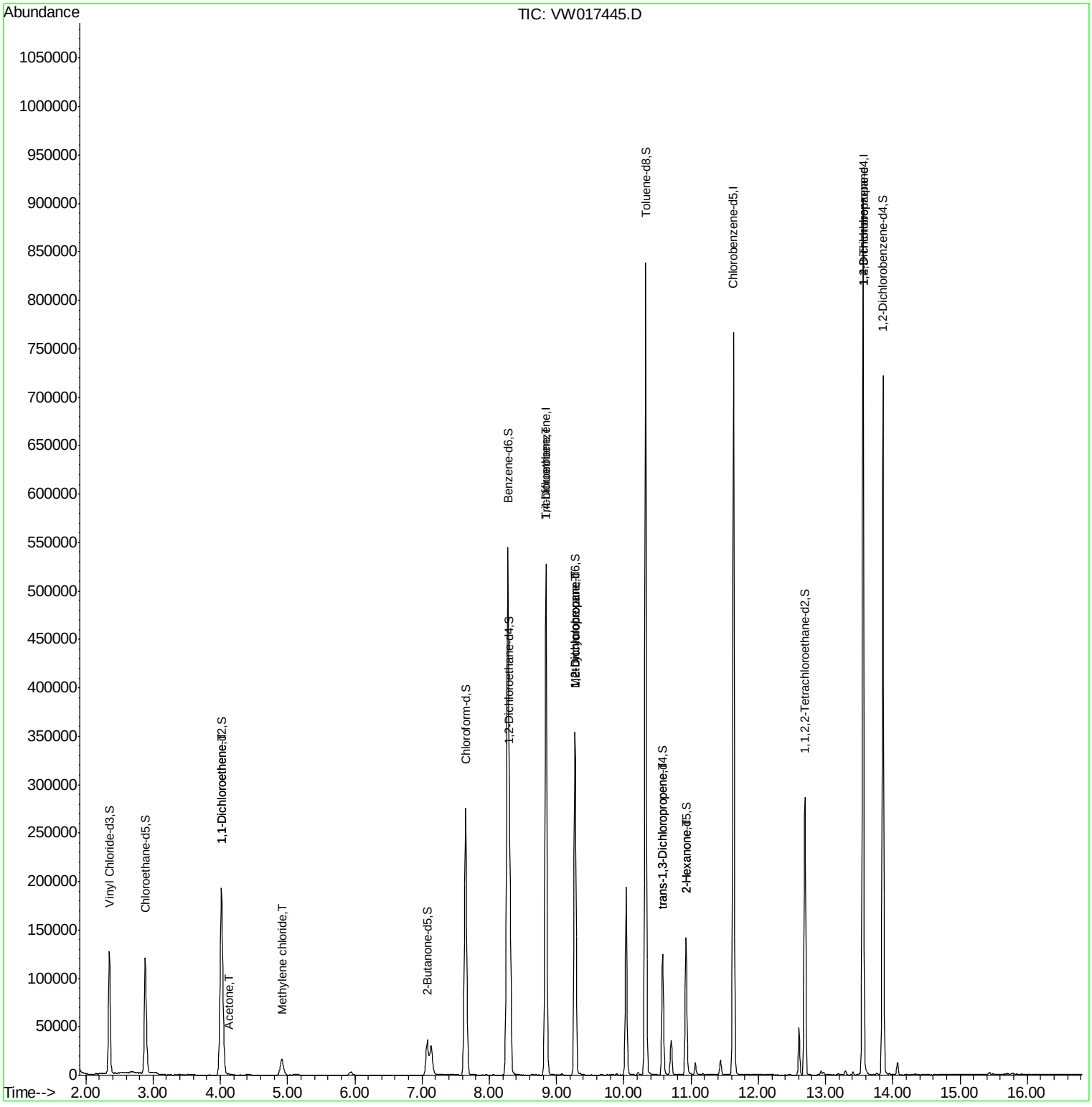
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\

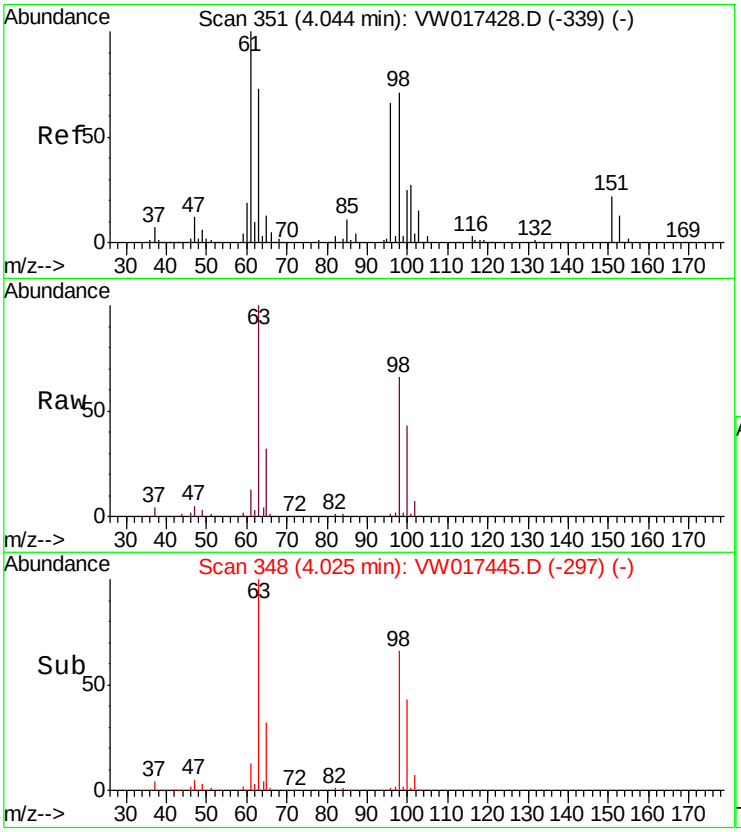
Quantitation Report (Not Reviewed)

Data File : VW017445.D
Acq On : 21 Nov 2020 02:57
Operator : SY/VA
Sample : L4860-12
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0BC9

Quant Time: Nov 21 04:55:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 02:27:17 2020
Response via : Initial Calibration



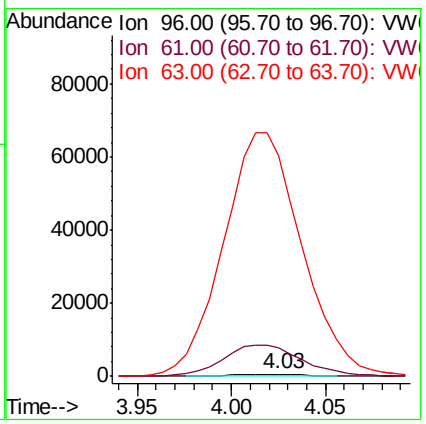


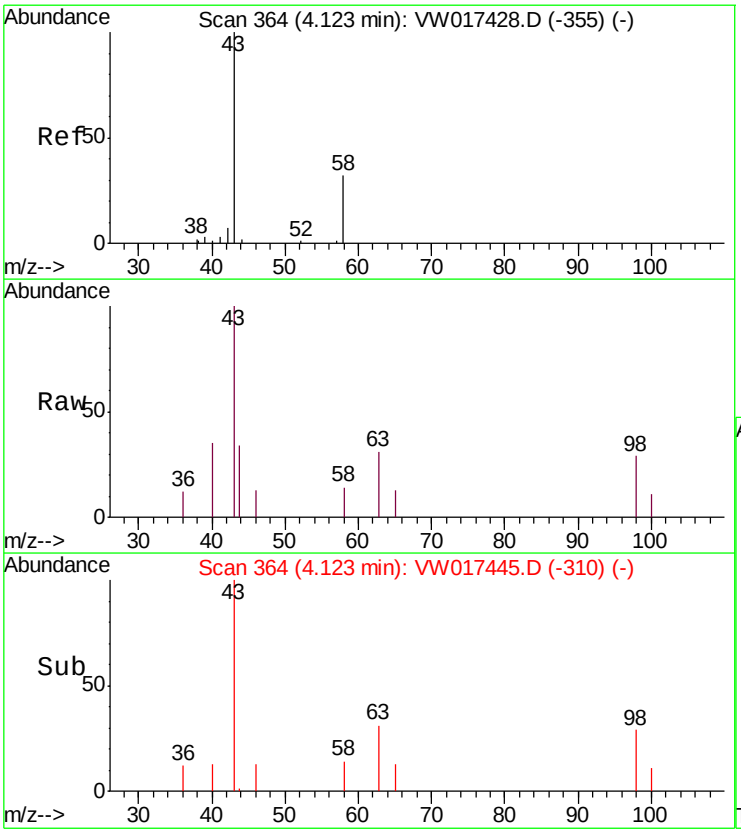

#12
1,1-Dichloroethene
Concen: 0.267 ug/L
RT: 4.03 min Scan# 348
Delta R.T. -0.02 min
Lab File: VW017445.D
Acq: 21 Nov 2020 02:57

**Instrument :** MSVOA_W
**ClientSampleId :** C0BC9

Tgt Ion: 96 Resp: 1631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1243.6 | 104.7 | 194.4# |
| 63 | 9421.3 | 69.6 | 129.2# |

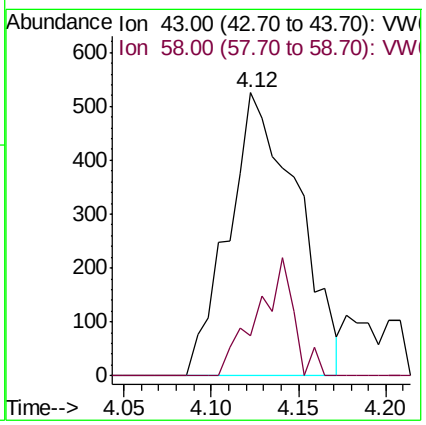


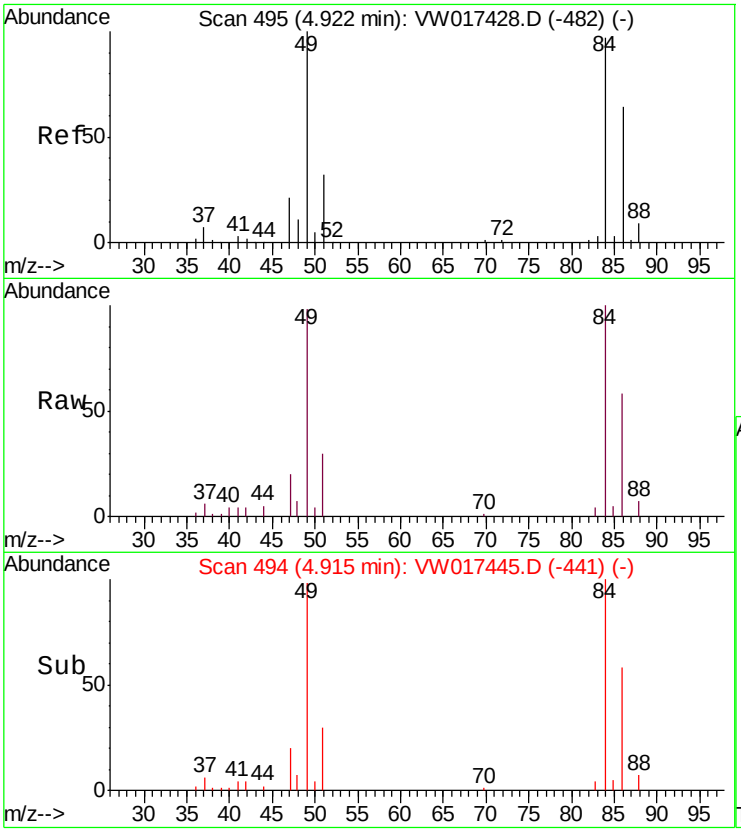




#13
Acetone
Concen: 1.751 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW017445.D
Acq: 21 Nov 2020 02:57

Tgt Ion: 43 Resp: 1444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 20.8 | 0.0 | 67.0 |



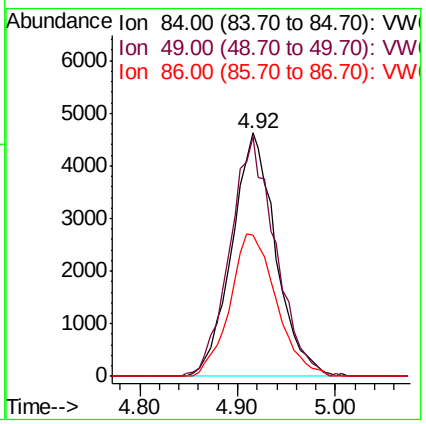


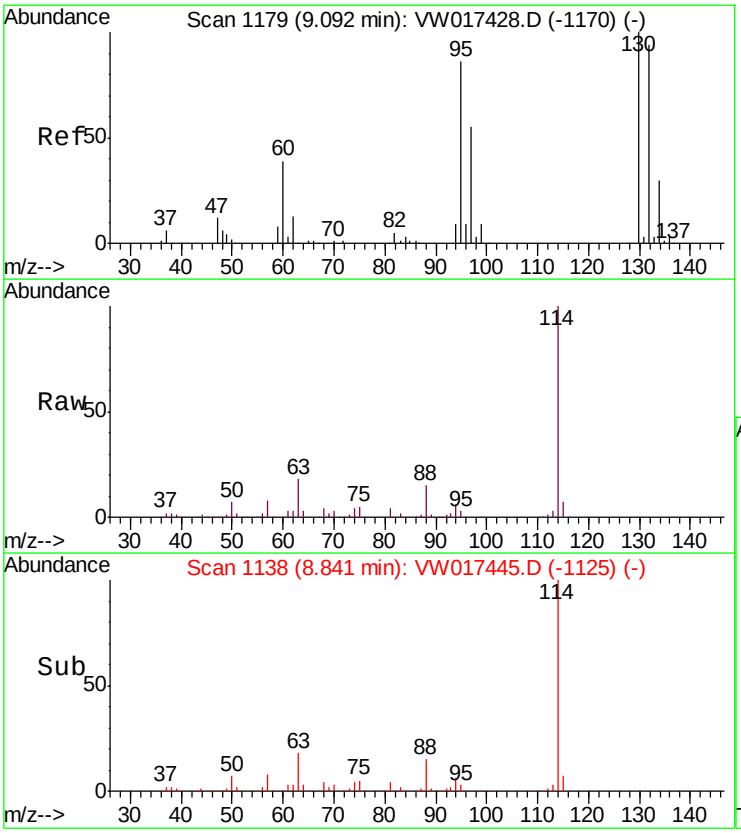

#16
Methylene chloride
Concen: 1.811 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017445.D
Acq: 21 Nov 2020 02:57

**Instrument :**
MSVOA_W
**ClientSampleId :**
C0BC9

Tgt Ion: 84 Resp: 14404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 98.3 | 71.5 | 132.9 |
| 86 | 58.1 | 42.8 | 79.4 |

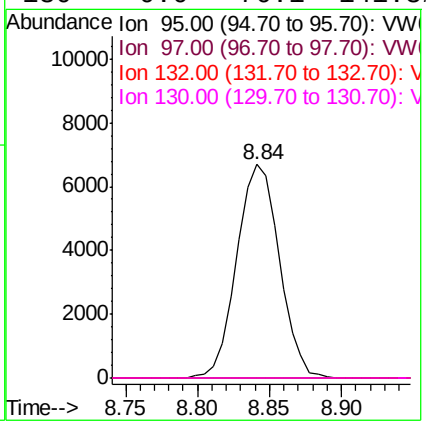


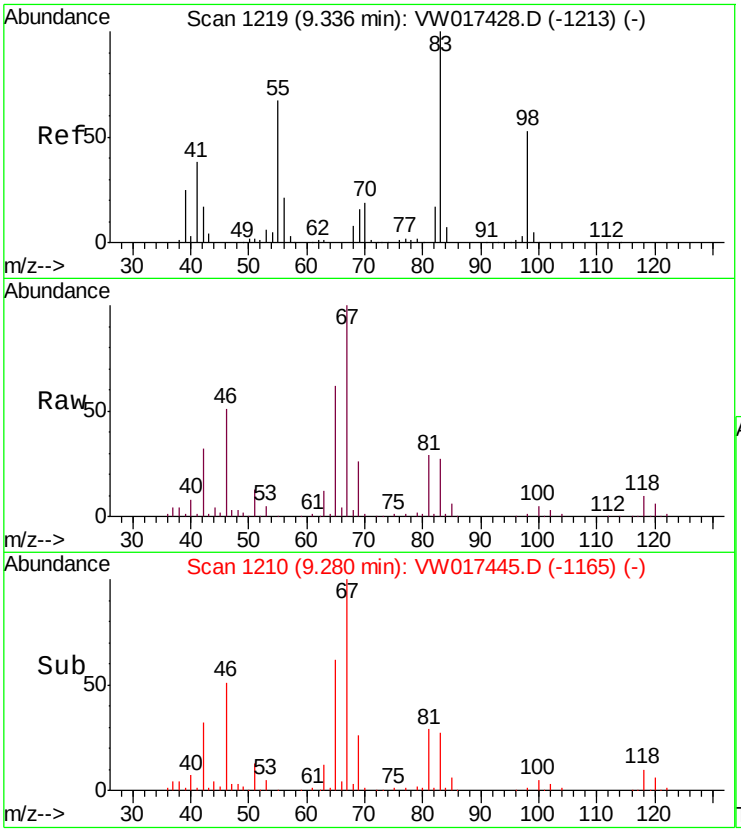




#35
Trichloroethene
Concen: 1.951 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW017445.D
Acq: 21 Nov 2020 02:57

Tgt Ion: 95 Resp: 13758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 0.0 | 44.7 | 82.9# |
| 132 | 0.0 | 72.7 | 134.9# |
| 130 | 0.0 | 76.1 | 141.3# |



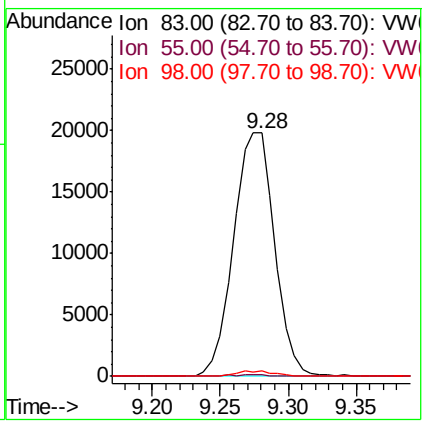


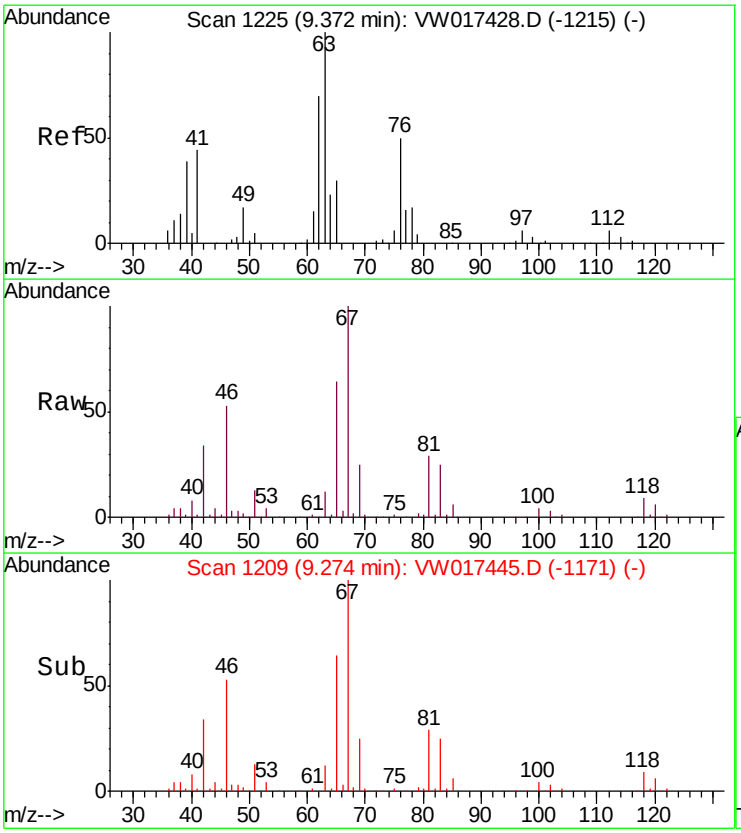

#36
Methylcyclohexane
Concen: 3.704 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW017445.D
Acq: 21 Nov 2020 02:57

**Instrument :** MSVOA_W
**ClientSampleId :** C0BC9

Tgt Ion: 83 Resp: 41728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.7 | 54.6 | 81.8# |
| 98 | 2.1 | 41.5 | 62.3# |

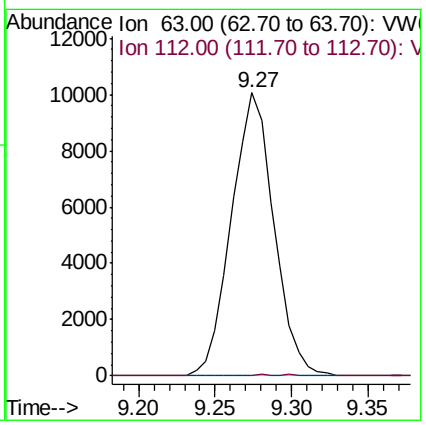


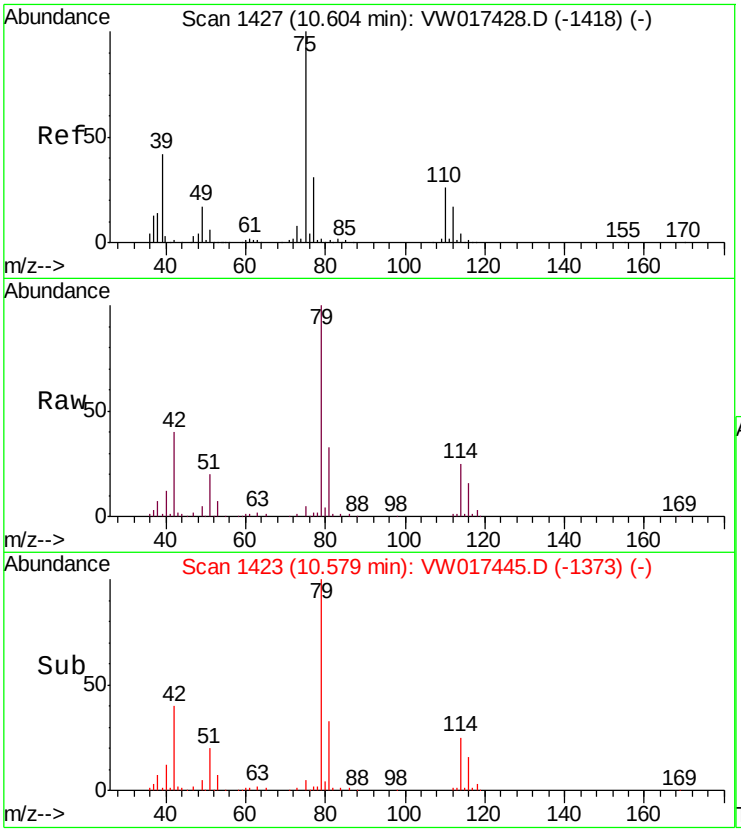




#40
1,2-Dichloropropane
Concen: 3.441 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW017445.D
Acq: 21 Nov 2020 02:57

Tgt Ion: 63 Resp: 19402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.3 | 4.2 | 6.4# |



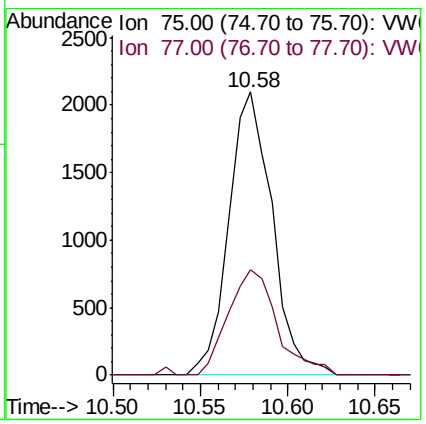


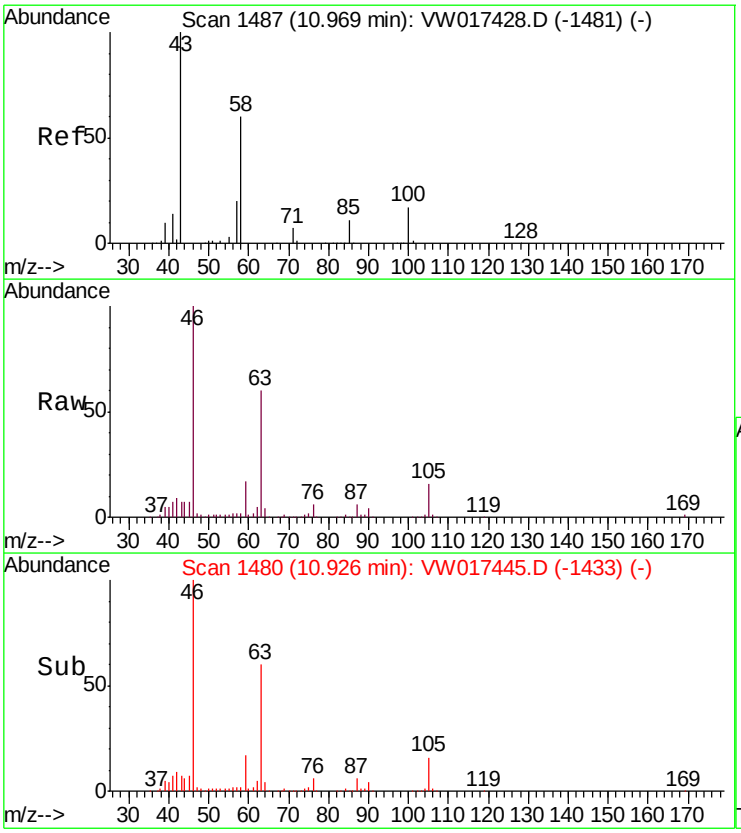

#45
trans-1,3-Dichloropropene
Concen: 0.488 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW017445.D
Acq: 21 Nov 2020 02:57

**Instrument :** MSVOA_W
**ClientSampleId :** C0BC9

Tgt Ion: 75 Resp: 3617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.4 | 22.0 | 40.8 |

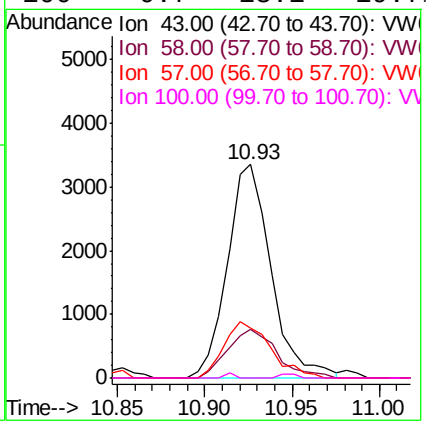


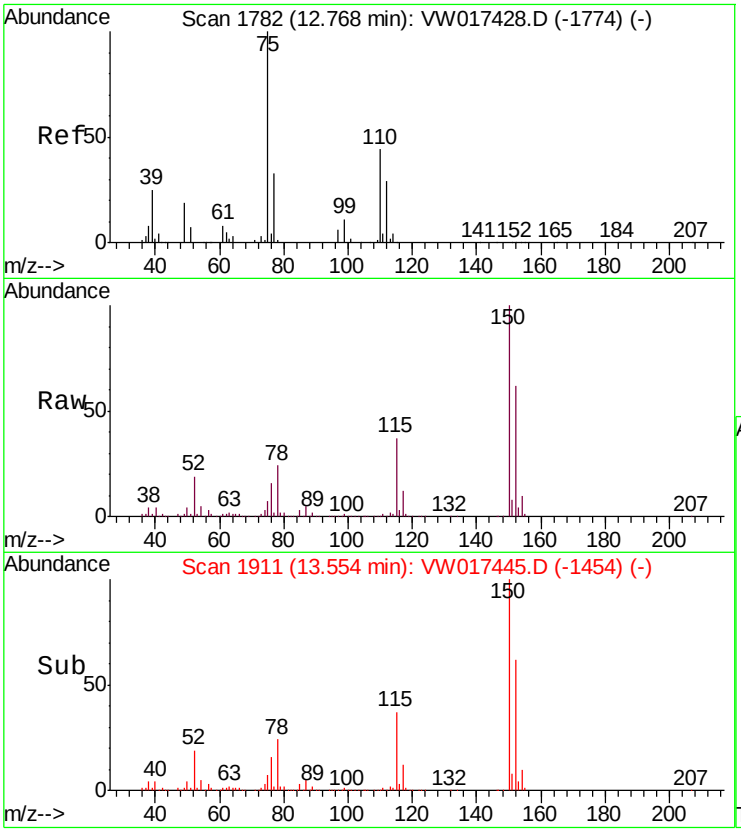




#49
2-Hexanone
Concen: 3.473 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW017445.D
Acq: 21 Nov 2020 02:57

Tgt Ion: 43 Resp: 5851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 25.7 | 49.4 | 74.0# |
| 57 | 27.9 | 17.0 | 25.4# |
| 100 | 0.7 | 13.1 | 19.7# |






#59
1,2,3-Trichloropropane
Concen: 7.553 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW017445.D
Acq: 21 Nov 2020 02:57

**Instrument :**
MSVOA_W
**ClientSampleId :**
C0BC9

Tgt Ion: 75 Resp: 26246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.1 | 26.6 | 40.0 |